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→ (54) EXHAUST GAS CLEANER → PURIFIER

(57)

ABSTRACT

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An object of the present invention is to provide an exhaust gas purifier which can effectively remove soot from exhaust gas of a diesel automobile such as a truck and a bus and the like, and which has a simple structure, and an exhaust gas purifier in which carbon monoxide, nitrogen oxides, and sulfur oxides and the like can, in addition to hydrocarbons, be effectively removed from exhaust gas.

The exhaust gas purifier of the present invention is equipped with an exhaust gas purifying tank accommodating, at an interior, an exhaust gas purifying liquid selected from lubricating oils and animal and vegetable oils; an exhaust gas introducing flow path provided at a bottom portion of the exhaust gas purifying tank, and introducing exhaust gas which is to be purified into the exhaust gas purifying liquid accommodated in the exhaust gas purifying tank; and an exhaust gas guide-out flow path which guides exhaust gas, which has flowed through the exhaust gas purifying liquid, out to an exterior of the exhaust gas purifying tank.

The present invention further encompasses an exhaust gas purifier equipped with, in addition to a first exhaust gas purifying tank which is similar to the above-described exhaust gas purifying tank, a second exhaust gas purifying tank which accommodates, in an interior, a nitrogen oxide removing liquid such as water or an alkaline solution or the like.

